

# INTERNATIONAL SEARCH REPORT

International Application No.

/SG 02/00170

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L23/367 H01L23/495 H01L25/065

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 986 340 A (SMITH JOSEPH O ET AL) 16 November 1999 (1999-11-16) column 3, line 25 - line 64	1-6, 10, 11
Y	column 4, line 50 - column 7, line 9  figures 2A, 2B, 3A, 3B	7-9, 12, 13
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 07, 29 September 2000 (2000-09-29) -& JP 2000 106410 A (MATSUSHITA ELECTRONICS INDUSTRY CORP), 11 April 2000 (2000-04-11) abstract paragraphs '0005!, '0008!, '0010! - '0015! figures 1-5	1-4, 6, 10, 11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

9 May 2003

Date of mailing of the international search report

16/05/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 294 838 B1 (PENG GENTLE) 25 September 2001 (2001-09-25) abstract	7-9,12
A	column 1, line 40 -column 2, line 23 figures 1,2 claim 1	1,5,10
Y	US 6 314 639 B1 (CORISIS DAVID J) 13 November 2001 (2001-11-13)	13
A	column 2, line 44 -column 4, line 26; figures 1,3	1,2,10, 11
A	US 6 326 242 B1 (BROOKS MIKE ET AL) 4 December 2001 (2001-12-04) abstract column 3, line 66 -column 4, line 7 column 4, line 51 -column 5, line 27 claims 1,2; figures 1,7	1,2,10, 11,13

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5986340	A	16-11-1999	NONE	
JP 2000106410	A	11-04-2000	NONE	
US 6294838	B1	25-09-2001	NONE	
US 6314639	B1	13-11-2001	US 6163956 A US 6505400 B1	26-12-2000 14-01-2003
US 6326242	B1	15-11-2001	US 6049125 A US 2001041370 A1	11-04-2000 15-11-2001